



**HEATSHIELD PRODUCTS, INC.**

HEAT PROTECTION YOU CAN COUNT ON

## SPECIFICATION SHEET

**PRODUCT NAME: LAVA SHIELD HD™**

### SECTION 1: APPLICATIONS

[High temperature heat shield barrier](#). Excellent for outdoor use and harsh environments. Performs extremely well in applications without 1" of airspace from heat source. Fuel cells, floor pans, transmission tunnels, marine applications,

### SECTION 2: FEATURES AND BENEFITS

Superior Strength and Abrasion Resistance even at temperature. Basalt is naturally chemical, water, even acid resistant.

### SECTION 3: TECHNICAL DATA

#### Temperature Parameters:

Base Fabric Service: **1200°F**

Melting Point: **2400°F**

#### Physical Characteristics

Fiber content: **Basalt**

Weave: **Twil 1/3**

Weight: **5.90 oz/sqyd**

Thickness: **.008"**

Construction: **Warp – 18 ends/in**

**Fill – 18 ends/in**

**Continuous Filament**

Break Strength (warp): **N/25MM >1800**

Sizing Type: **AminoSilane**

LOI, also sizing content: **0.4-0.6**

UV Stability: **6**

Finish/coating: **None**

Color: **Bronze**

Electrical: **Non Conductive**

Widths: **up to 50" wide**

Break Strength (fill): **N/25MM >1800**

Moisture Content (fabric): **<0.3**

Combustibility: **Pass**

Color Fastness: **6**